Amendments to the Specification:

Please replace paragraph [0001] with the following rewritten paragraph:

"The present application is related to and hereby claims the priority benefit of and is a continuation-in-part of co-pending U.S. Patent Application No. 09/539,434, entitled "METHOD FOR REDUCING PACKET LOSS AND INCREASING INTERNET FLOW BY FEEDBACK CONTROL," filed March 30, 2000 and assigned to the assignee of the present application."

Please replace paragraph [0039] with the following rewritten paragraph:

"To discriminate traffic flows (or connections, etc.) that are congested from those that are uncongested (or relatively uncongested), the control node monitors packet loss for the traffic stream (or connection, etc.) of interest. If after a designated time period (say between 0 and 100 seconds, preferably between 30 and 100 seconds, more preferably between 50 and 100 seconds, and even more preferably between 60 and 100 seconds) no packet losses have been noted for that traffic flow (connection, etc.), the control node can declare the subject traffic flow (connection, etc.) to be uncongested. This type of monitoring (and the subsequent control) can be provided on a stream-by-stream, connection-by-connection, link-by-link, destination-by-destination or other basis. Alternatively, predictions of congestion conditions may be based on results obtained by monitoring packet round trip times in the network. A complete description of such a process is provided in co-pending and commonly owned U.S. Patent Application No. 09/854,321, entitled "Method for Determining Network Congestion and Link Capacities", filed May 11, 2001, Attorney Docket No. 003997.P010, which is incorporated herein by reference. Briefly, it has been found that there is an intimate relationship between packet loss and packet round trip time in a network such that measurements of this round trip time can be used to determine congestion conditions. Further methods of predicting such conditions are disclosed in commonly-owned U.S. Patent Application No. 09/846,450, entitled "Method for Dynamical Identification of Network Congestion Characteristics", filed April 30, 2001, Attorney Docket No. 003997.P008, which is also incorporated herein by reference."